

Title (en)

BLOOD PUMP DEVICE AND METHOD FOR PUMPING BLOOD OF A PATIENT

Title (de)

BLUTPUMPENVORRICHTUNG UND VERFAHREN ZUM PUMPEN VON BLUT EINES PATIENTEN

Title (fr)

HEMATOPOMPE ET PROCEDE DE POMPER DU SANG D'UN MALADE

Publication

EP 0708664 B1 20040102 (EN)

Application

EP 95916382 A 19950413

Priority

- US 9504597 W 19950413
- US 22843394 A 19940415

Abstract (en)

[origin: WO9528185A1] A blood pump (10) features a chamber (30) with coated, smooth transition inlet and outlet ports (13, 14) and impeller (40) driven by motor (32-38; 42-46) which is controlled by power unit (80). A safety occluder (83) is provided on the catheter (18) connected to the outlet port (14) and controlled by power unit (80) in case of motor failure.

IPC 1-7

A61M 1/12

IPC 8 full level

A61L 31/00 (2006.01); **A61M 60/178** (2021.01); **A61M 60/232** (2021.01); **A61M 60/416** (2021.01); **A61M 60/50** (2021.01); **A61M 60/827** (2021.01); **A61M 60/833** (2021.01); **A61M 60/859** (2021.01); **F04D 13/06** (2006.01); **F04D 29/10** (2006.01)

CPC (source: EP US)

A61M 60/148 (2021.01 - US); **A61M 60/178** (2021.01 - US); **A61M 60/205** (2021.01 - EP); **A61M 60/232** (2021.01 - US); **A61M 60/416** (2021.01 - US); **A61M 60/546** (2021.01 - EP); **A61M 60/827** (2021.01 - US); **A61M 60/829** (2021.01 - EP US); **A61M 60/833** (2021.01 - US); **A61M 60/859** (2021.01 - US); **A61M 60/50** (2021.01 - EP); **A61M 60/857** (2021.01 - EP); **A61M 2205/3334** (2013.01 - EP); **A61M 2207/00** (2013.01 - EP)

Cited by

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DOCDB simple family (publication)

WO 9528185 A1 19951026; AU 3513495 A 19951110; AU 6599798 A 19980702; AU 699959 B2 19981217; AU 718838 B2 20000420; CA 2165166 A1 19951026; CA 2165166 C 20021217; CA 2374746 A1 19951026; CA 2374746 C 20040302; DE 69532372 D1 20040205; DE 69532372 T2 20041230; EP 0708664 A1 19960501; EP 0708664 A4 19990120; EP 0708664 B1 20040102; EP 1402908 A2 20040331; EP 1402908 A3 20050427; ES 2213752 T3 20040901; JP 2007111544 A 20070510; JP 3920326 B2 20070530; JP H09502375 A 19970311; US 5711753 A 19980127; US 6162167 A 20001219

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US 9504597 W 19950413; AU 3513495 A 19950413; AU 6599798 A 19980515; CA 2165166 A 19950413; CA 2374746 A 19950413; DE 69532372 T 19950413; EP 03027554 A 19950413; EP 95916382 A 19950413; ES 95916382 T 19950413; JP 2006328961 A 20061206; JP 52710095 A 19950413; US 61808496 A 19960318; US 89858497 A 19970721